



PCT

## RAW SEQUENCE LISTING

DATE: 07/08/2004

PATENT APPLICATION: US/10/500,561

TIME: 16:21:56

Input Set : A:\DSP-78.ST25.txt

Output Set: N:\CRF4\07082004\J500561.raw

3 <110> APPLICANT: DAIICHI SUNTORY PHARMA CO., LTD.  
 5 <120> TITLE OF INVENTION: Pharmaceutical Composition Containing Ghrelin As Active  
 Ingredient  
 7 <130> FILE REFERENCE: DSP-78  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/500,561  
 C--> 9 <141> CURRENT FILING DATE: 2004-06-30  
 9 <150> PRIOR APPLICATION NUMBER: JP 2002-146155  
 10 <151> PRIOR FILING DATE: 2002-05-21  
 12 <160> NUMBER OF SEQ ID NOS: 21  
 14 <170> SOFTWARE: PatentIn version 3.1  
 16 <210> SEQ ID NO: 1  
 17 <211> LENGTH: 28  
 18 <212> TYPE: PRT  
 19 <213> ORGANISM: Homo sapiens  
 21 <220> FEATURE:  
 22 <221> NAME/KEY: PEPTIDE  
 23 <222> LOCATION: (1)..(28)  
 24 <223> OTHER INFORMATION: Amino acid sequence for human endogenous peptides of growth  
 hormo  
 25       ne secretagogue  
 28 <400> SEQUENCE: 1  
 30 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys  
 31 1                       5                       10                       15  
 34 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg  
 35                       20                       25  
 38 <210> SEQ ID NO: 2  
 39 <211> LENGTH: 27  
 40 <212> TYPE: PRT  
 41 <213> ORGANISM: Homo sapiens  
 43 <220> FEATURE:  
 44 <221> NAME/KEY: PEPTIDE  
 45 <222> LOCATION: (1)..(27)  
 46 <223> OTHER INFORMATION: Amino acid sequence for human endogenous peptides (27 amino  
 acids  
 47       ) of growth hormone secretagogue  
 50 <400> SEQUENCE: 2  
 52 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Arg Val Gln Arg Lys Glu  
 53 1                       5                       10                       15  
 56 Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg  
 57                       20                       25  
 60 <210> SEQ ID NO: 3  
 61 <211> LENGTH: 28  
 62 <212> TYPE: PRT  
 63 <213> ORGANISM: Rattus norvegicus

ENTERED

65 <220> FEATURE:

66 <221> NAME/KEY: PEPTIDE

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67 <222> LOCATION: (1)..(28)
68 <223> OTHER INFORMATION: Amino acid sequence for rat endogenous peptides of growth
hormone
69         secretagogue
72 <400> SEQUENCE: 3
74 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys
75 1             5             10             15
78 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
79             20             25
82 <210> SEQ ID NO: 4
83 <211> LENGTH: 27
84 <212> TYPE: PRT
85 <213> ORGANISM: Rattus norvegicus
87 <220> FEATURE:
88 <221> NAME/KEY: PEPTIDE
89 <222> LOCATION: (1)..(27)
90 <223> OTHER INFORMATION: Amino acid sequence for rat endogenous peptides of growth
hormon
91         e secretagogue
94 <400> SEQUENCE: 4
96 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Arg Lys Glu
97 1             5             10             15
100 Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
101             20             25
104 <210> SEQ ID NO: 5
105 <211> LENGTH: 28
106 <212> TYPE: PRT
107 <213> ORGANISM: Mus musculus
109 <220> FEATURE:
110 <221> NAME/KEY: PEPTIDE
111 <222> LOCATION: (1)..(28)
112 <223> OTHER INFORMATION: Amino acid sequence for mouse endogenous peptides of growth
hormo
113         ne secretagogue
116 <400> SEQUENCE: 5
118 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys
119 1             5             10             15
122 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
123             20             25
126 <210> SEQ ID NO: 6
127 <211> LENGTH: 28
128 <212> TYPE: PRT
129 <213> ORGANISM: Sus scrofa
131 <220> FEATURE:
132 <221> NAME/KEY: PEPTIDE
133 <222> LOCATION: (1)..(28)
134 <223> OTHER INFORMATION: Amino acid sequence for porcine endogenous peptides of
growth hor
135         mone secretagogue
138 <400> SEQUENCE: 6
140 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys
141 1             5             10             15
144 Glu Ser Lys Lys Pro Ala Ala Lys Leu Lys Pro Arg

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145          20          25
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150 <212> TYPE: PRT
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153 <220> FEATURE:
154 <221> NAME/KEY: PEPTIDE
155 <222> LOCATION: (1)..(27)
156 <223> OTHER INFORMATION: Amino acid sequence for bovine endogenous peptides (27 amino
acid
157          s) of growth hormone secretagogue
160 <400> SEQUENCE: 7
162 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Leu Gln Arg Lys Glu
163 1          5          10          15
166 Ala Lys Lys Pro Ser Gly Arg Leu Lys Pro Arg
167          20          25
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175 <220> FEATURE:
176 <221> NAME/KEY: PEPTIDE
177 <222> LOCATION: (1)..(27)
178 <223> OTHER INFORMATION: Amino acid sequence for ovine endogenous peptides (27 amino
acids
179          ) of growth hormone secretagogue
182 <400> SEQUENCE: 8
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185 1          5          10          15
188 Pro Lys Lys Pro Ser Gly Arg Leu Lys Pro Arg
189          20          25
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197 <220> FEATURE:
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199 <222> LOCATION: (1)..(28)
200 <223> OTHER INFORMATION: Amino acid sequence for dog endogenous peptides of growth
hormone
201          secretagogue
204 <400> SEQUENCE: 9
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207 1          5          10          15
210 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
211          20          25
214 <210> SEQ ID NO: 10
215 <211> LENGTH: 21
216 <212> TYPE: PRT
217 <213> ORGANISM: Anguilla japonica
219 <220> FEATURE:
220 <221> NAME/KEY: PEPTIDE

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221 <222> LOCATION: (1)..(21)

222 <223> OTHER INFORMATION: Amino acid sequence for eel endogenous peptides of growth hormone

223           secretagogue. This peptide is amidated at C-terminus.

226 <400> SEQUENCE: 10

228 Gly Ser Ser Phe Leu Ser Pro Ser Gln Arg Pro Gln Gly Lys Asp Lys

229 1                   5                   10                   15

232 Lys Pro Pro Arg Val

233                   20

236 <210> SEQ ID NO: 11

237 <211> LENGTH: 23

238 <212> TYPE: PRT

239 <213> ORGANISM: Oncorhynchus mykiss

241 <220> FEATURE:

242 <221> NAME/KEY: PEPTIDE

243 <222> LOCATION: (1)..(23)

244 <223> OTHER INFORMATION: Amino acid sequence for rainbow trout endogenous peptides

(23 ami

245           no acids) of growth hormone secretagogue. This peptide is amide

246           d at C-terminus.

249 <400> SEQUENCE: 11

251 Gly Ser Ser Phe Leu Ser Pro Ser Gln Lys Pro Gln Val Arg Gln Gly

252 1                   5                   10                   15

255 Lys Gly Lys Pro Pro Arg Val

256                   20

259 <210> SEQ ID NO: 12

260 <211> LENGTH: 20

261 <212> TYPE: PRT

262 <213> ORGANISM: Oncorhynchus mykiss

264 <220> FEATURE:

265 <221> NAME/KEY: PEPTIDE

266 <222> LOCATION: (1)..(20)

267 <223> OTHER INFORMATION: Amino acid sequence for rainbow trout endogenous peptides

(20 ami

268           no acids) of growth hormone secretagogue. This peptide is amidat

269           ed at C-terminus.

272 <400> SEQUENCE: 12

274 Gly Ser Ser Phe Leu Ser Pro Ser Gln Lys Pro Gln Gly Lys Gly Lys

275 1                   5                   10                   15

278 Pro Pro Arg Val

279                   20

282 <210> SEQ ID NO: 13

283 <211> LENGTH: 24

284 <212> TYPE: PRT

285 <213> ORGANISM: Gallus domesticus

287 <220> FEATURE:

288 <221> NAME/KEY: PEPTIDE

289 <222> LOCATION: (1)..(24)

290 <223> OTHER INFORMATION: Amino acid sequence for chicken endogenous peptides of growth hor

291           mone secretagogue

294 <400> SEQUENCE: 13

296 Gly Ser Ser Phe Leu Ser Pro Thr Tyr Lys Asn Ile Gln Gln Gln Lys

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297 1          5          10          15
300 Gly Thr Arg Lys Pro Thr Ala Arg
301          20
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305 <211> LENGTH: 24
306 <212> TYPE: PRT
307 <213> ORGANISM: Gallus domesticus
309 <220> FEATURE:
310 <221> NAME/KEY: PEPTIDE
311 <222> LOCATION: (1)..(24)
312 <223> OTHER INFORMATION: Amino acid sequence for chicken endogenous peptides of
growth hor
313      mone secretagogue
316 <400> SEQUENCE: 14
318 Gly Ser Ser Phe Leu Ser Pro Thr Tyr Lys Asn Ile Gln Gln Gln Lys
319 1          5          10          15
322 Asp Thr Arg Lys Pro Thr Ala Arg
323          20
326 <210> SEQ ID NO: 15
327 <211> LENGTH: 26
328 <212> TYPE: PRT
329 <213> ORGANISM: Gallus domesticus
331 <220> FEATURE:
332 <221> NAME/KEY: PEPTIDE
333 <222> LOCATION: (1)..(26)
334 <223> OTHER INFORMATION: Amino acid sequence for chicken endogenous peptides of
growth hor
335      mone secretagogue
338 <400> SEQUENCE: 15
340 Gly Ser Ser Phe Leu Ser Pro Thr Tyr Lys Asn Ile Gln Gln Gln Lys
341 1          5          10          15
344 Asp Thr Arg Lys Pro Thr Ala Arg Leu His
345          20          25
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350 <212> TYPE: PRT
351 <213> ORGANISM: Rana catesbeiana
353 <220> FEATURE:
354 <221> NAME/KEY: PEPTIDE
355 <222> LOCATION: (1)..(27)
356 <223> OTHER INFORMATION: Amino acid sequence for frog endogenous peptides of growth
hormon
357      e secretagogue
360 <400> SEQUENCE: 16
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363 1          5          10          15
366 Gln Ser Gln Asn Lys Leu Arg His Gly Asn Met
367          20          25
370 <210> SEQ ID NO: 17
371 <211> LENGTH: 28
372 <212> TYPE: PRT
373 <213> ORGANISM: Rana catesbeiana

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**VERIFICATION SUMMARY**

DATE: 07/08/2004

PATENT APPLICATION: US/10/500,561

TIME: 16:21:57

Input Set : A:\DSP-78.ST25.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date